

S/056/62/043/001/049/056  
B102/B104

The nature of elastic  $\pi N$  and ...

with increasing  $|t|$  and changes its sign at  $|t| \approx 1$  (Bev/c)<sup>2</sup>. Within the (large) error limits no contradiction is found between the data on pp and  $\pi N$  scattering. There are 2 figures. The English-language references are: Cocconi et al. Phys. Rev. Lett. 7, 450, 1961; R. E. Thomas, Phys. Rev. 120, 1015, 1960; Cork et al. Phys. Rev. 107, 859, 1957.

ASSOCIATION: Institut teoreticheskoy i eksperimental'noy fiziki Akademii nauk SSSR (Institute of Theoretical and Experimental Physics of the Academy of Sciences USSR)

SUBMITTED: May 8, 1962

Card 2/2

S/053/63/079/003/003/003  
B117/B186

AUTHORS: Rirgar, N. G., Mikhaylov, V. D., Rozental', I. L., Sarycheva, L. I.

TITLE: Strong interactions at high energies

PERIODICAL: Uspekhi fizicheskikh nauk, v. 79, no. 3, 1963, 523 - 544

TEXT: In this survey of papers by western and Soviet authors, published from 1949 through 1962, experimental data on the interaction of high-energy particles are compared with the theory. The following problems are handled: (1) Main theoretical results; (a) polar approximation; (b) method of complex orbital momenta; (c) relationship between the cross sections (nuclear cross sections); theorem of Pomeranchuk (I. Ya. Pomeranchuk, ZhETF 34, 725 (1958)). (2) Interaction cross section of pions and nucleons of energies of 2 to 28 Bev with nucleons; (a) total interaction cross section of particles and antiparticles with protons; (b) elastic scattering of protons and pions. (3) Interaction cross section of high-energy pions and nucleons with atomic nuclei; (a) particularities in the measurement of the interaction cross sections of cosmic particles; (b)

Card 1/2

Strong interactions at ...

S/053/63/079/003/003/003  
B117/B186

determination of the interaction cross sections in air which is based on the measurement of the absorption of the nucleon component; (c) determination of the interaction cross sections of particles of ultra high energy,  $> 10^4$  Bev. There are 12 figures, 5 tables, and 83 references.

Card 2/2

L 14438-66 EWT(m)/T IJP(c)  
ACC NR: AT8002500

SOURCE CODE: UR/3138/65/000/362/0001/0012

AUTHOR: Birger, N. G.; Borisov, V. S.; Bysheva, G. K.; Gol'din, L. L.; Korotkov, H. H.; Martusov, Ye. T.; Sidorenko, Z. S.; Tumanov, G. K.

ORG: none

19155  
TITLE: Measurement of proton momentum as a function of acceleration time on the synchrotron at the Institute of Theoretical and Experimental Physics

19, 55  
SOURCE: USSR. Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii. Institut teoreticheskoy i eksperimental'noy fiziki. Doklady, no. 362, 1965. Izmereniye zavisimosti impul'sa protonov sinkhrotrona ITEF ot vremeni uskoreniya, 1-12

TOPIC TAGS: proton beam, synchrotron, particle physics

ABSTRACT: A beam of particles emitted at an angle of 0.222 rad to the direction of incident proton was analyzed by an SP-12 magnet located 13 m from a polyethylene target. Positively charged particles deflected by this magnet at an angle of 0.262 rad reached the detector. The detector count rate was measured as a function of magnet current. The energy of elastically scattered protons was used as a basis for determining momentum. The measurements were made at four different time intervals

Card 1/2

2

L 14438-66  
ACC NR: AT6002500

from the beginning of the acceleration cycle. The following table gives the results of these measurements

Results of measurements of proton momentum  $P$   
as a function of acceleration time

t in sec	$P(1 + \frac{\delta P}{P})^d$ in bev/c
0.404	2.20 (1 ± 0.006)
0.408	2.25 (1 ± 0.006)
0.813	4.45 (1 ± 0.006)
0.817	4.49 (1 ± 0.006)
1.176	6.35 (1 ± 0.006)
1.420	7.64 (1 ± 0.009)

where  $\frac{\delta P}{P}$  is the relative error in momentum determination. The experimental errors are analyzed and the following formula is given for proton momentum as a function of acceleration time:  $P = 0.08 + 5.34 t$ . Orig. art. has: 6 figures, 1 table, 1 formula.

SUB CODE: 20/      SUBM DATE: 21Jun65/      ORIG REF: 002/      OTH REF: 000  
*CC*  
Card 2/2

Determination of metallic lead in the presence of lead oxide and lead sulfate. N. I. Binger, R. N. Narzulyum and V. A. Kostychev. *Trudy Leningrad. Akademii Nauk Khim.-Tekhnich. Inst.* 1940, No. 8, 180-3; *Khim. Sverzh. Zhur.* 1940, No. 7, 5d.—A method has been developed for the detn. of metallic Pb in the presence of  $PbO$  and  $PbSO_4$ . The method is based on the displacement of Ag by Pb from a  $AgNO_3$  soln. and the detn. of the unacted  $AgNO_3$ . To 16-30 cc. of 0.5 N  $AgNO_3$  soln. in a 100-150-cc. beaker add the mixt. to be analyzed, mix the soln. from time to time with a glass rod, filter after 15 min., wash the ppt. 3-6 times with 8%  $H_2O_2$ , until no reaction for  $Ag^+$  is obtained, acidify the filtrate with  $HNO_3$  and titrate with a 0.25 N  $NH_4CNS$  soln. The deviations of results of parallel analyses do not exceed 1%. The detn. can be made in 1 hr. Other methods for the detn. of Pb in mixts. with  $PbO$  and  $PbSO_4$  (based on the preliminary separ. of  $PbO$  and  $PbSO_4$ ) produce lower results than those obtained by the method proposed. This is due to the fact that in the separ. of  $PbO$  and  $PbSO_4$  a part of metallic Pb is lost, owing to its oxidation to  $PbO$ . W. R. Tamm

W. R. I.

**APPROVED FOR RELEASE: 06/08/2000**

CIA-RDP86-00513R000205320016-2"

*Vibration and the separation of particles.* I. N. I. Binger, *Trudy Leningrad. Khim.-Tekh. Inst.* 1940, No. 9, 242-6; *Khim. Referat. Zher.* 6, No. 9, 23(1941).—In vibration, the upper limit of particle size is detd. by the condition that the force of gravity begins to predominate over the wetting forces. The lower limit is conditioned by the removal of the particles from the boundary surface by Brownian movement. The max. particle radius at which separation still takes place is

in which  $\sigma_{sv}$  is the surface tension at the boundary oil-water,  $\theta$  is the angle of contact,  $d$  is the d. of the particle,  $d_1$  the d. of water and  $g$  the acceleration of gravity. The lower limit of particle size is

**Hg vapor as an inert atmosphere at atmospheric pressure.** *Franz Shampy.* Z. Elektrochem., 49, 180-8 (1943).—The use of Hg vapor is recommended as an inert atm. in the heating of materials that are sensitive to O<sub>2</sub> and other gases at higher temps. The app. and operating conditions are described. W. George Parks

W. R. Henn

## ~~THE CLASSIFICATIONS~~

סמלשיות בתקופה

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

BIRGER, N. I.

"The Composition of the Deposits formed during the Reaction of Solutions  
of Potassium Orthophosphate and Magnesium Chloride," Zhur. Obshch. Khim.  
10, No.4, 1940. Laboratory of Qualitative Analysis Lenigrad Chemico-  
Technological Institute. Received 28 May 1939.  
U-1526 24 Oct. 1951,

BIRGER, N.I.

Bleaching gray cotton fabrics made of low-grade cotton. Iss.  
vys.ucheb.zav.; tekhn.tekst.prom. no.1:182 '59.  
(MIRA 12:6)

1. Ivanovskiy tekstil'nyy institut.  
(Cotton manufacture) (Bleaching)

BIRGER, N. P.

N. P. Birger, (P.M. Lobedev Physics Inst. USSR Acad. of Sci.

Investigation of charges under lead and air showers at 3860 m. altitude with a controlled Kharlamov camera

Atomizdat Nauk SSSR Doklady

61, 2, 1948, 245-7

From: B.H.L. Guide to R. Scientific Per. Lit. Oct. 23, 1948, Vol. 1, No. 6, p. 17

ca

**Experimental considerations of chemotherapy of bacillary dysentery.** O. G. Birger, and B. P. Halperin, Z. Mikrobiol., Epidemiol. Immunologisch. (U. S. S. R.) 1941, No. 5-6, 94-8 (in German, 98).—Fractional administration of endotoxin of dysentery microbes to mice produces an exptl. model which can be used for testing the activity of chemotherapeutic preps. Exptl. investigations indicate that some sulfonamide compds. (sulfadine, sulfanil, streptocide) can neutralize the effect of endotoxin of dysentery microbes (Shiga and Flexner) on the organism. This is the basis for the antientoxic chemotherapy in bacillary dysentery. The sulfonamide compds. investigated have no effect on the exotoxin of the Shiga microbes. Eight references. W. R. Henn

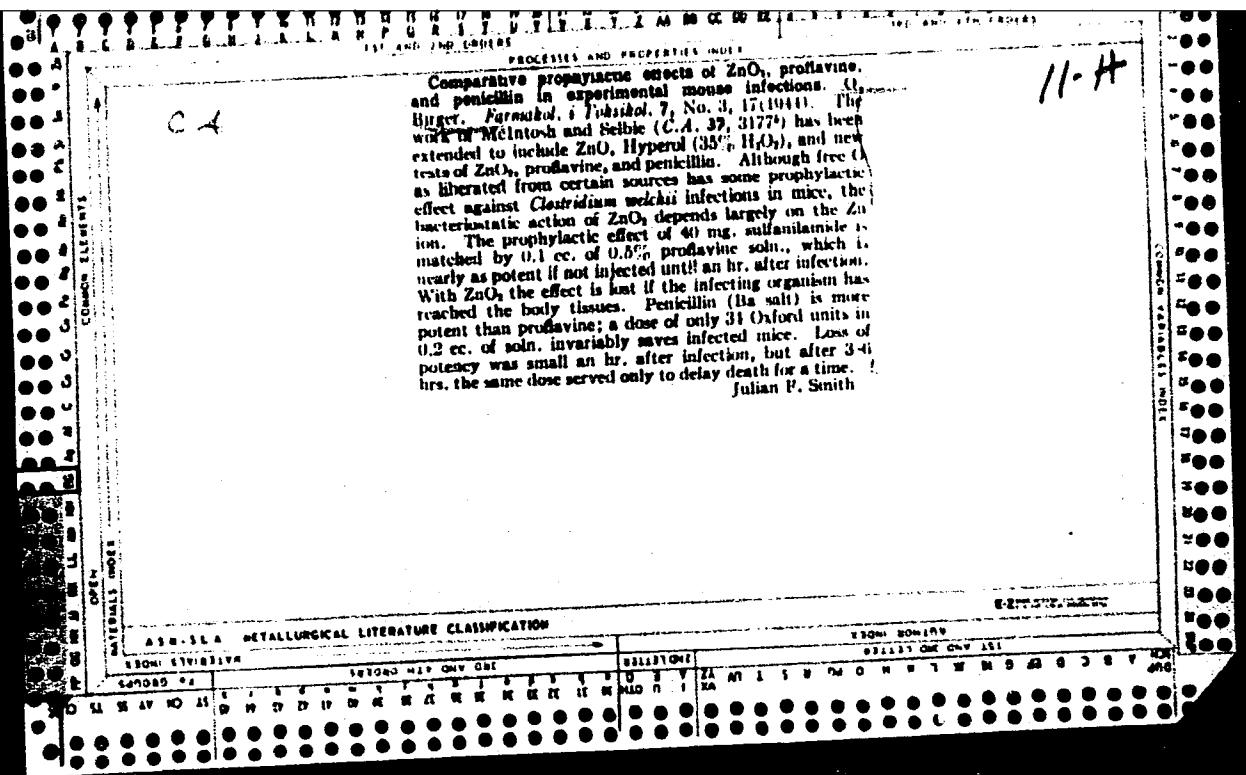
W. R. Henn

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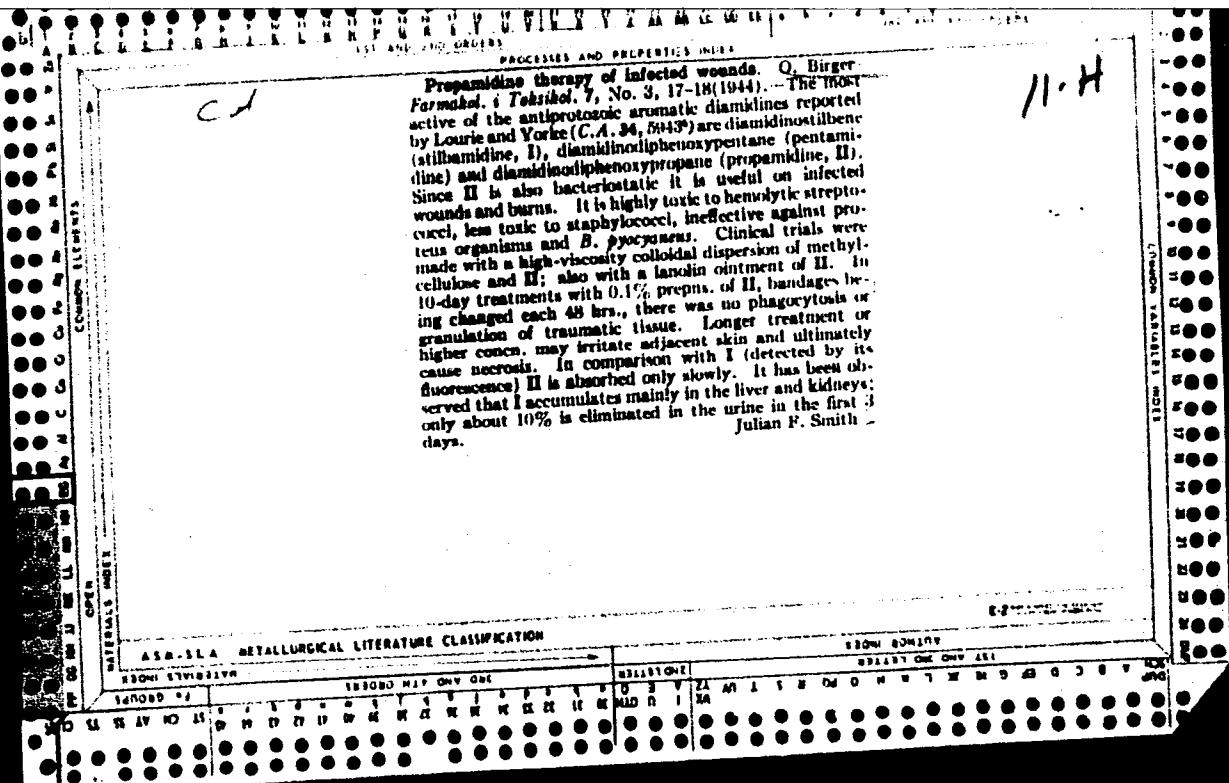
APPROVED FOR RELEASE: 06/08/2000

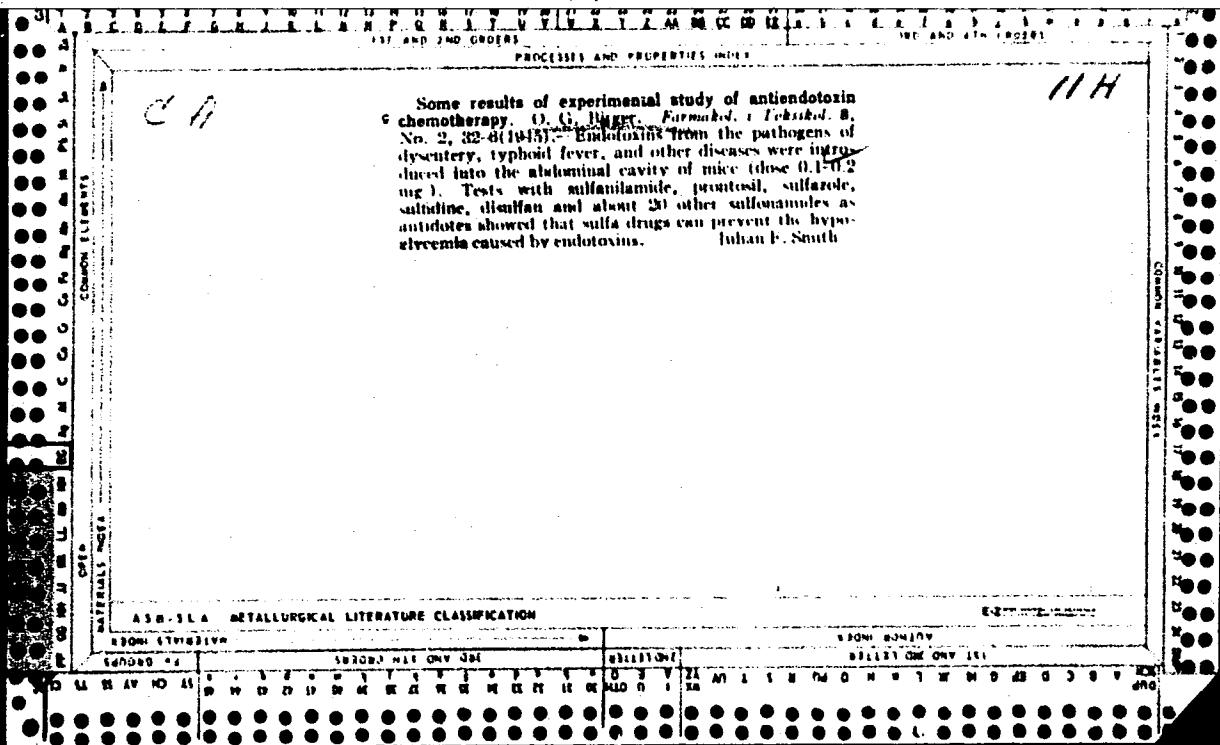
CIA-RDP86-00513R000205320016-2"



**Propamidine therapy of infected wounds.** Q. Birger Farstad, i Takisol, 7, No. 3, 17-18 (1944).—The most active of the antiprotozoal aromatic diamidines reported by Lourie and Yorke (C.A., 34, 5443) is diamidinostilbene (stilbamidine, I), diamidindoliphenoxyacetane (pentamidine) and diamidindoliphenoxypropane (propamidine, II). Since II is also bactericidal it is useful on infected wounds and burns. It is highly toxic to hemolytic streptococci, less toxic to staphylococci, ineffective against proteus organisms and *B. pyocyaneus*. Clinical trials were made with a high-viscosity colloidal dispersion of methylcellulose and II; also with a lanolin ointment of II. In 10-day treatments with 0.1% prepns. of II, bandages being changed each 48 hrs., there was no phagocytosis or granulation of traumatic tissue. Longer treatment or higher concn. may irritate adjacent skin and ultimately cause necrosis. In comparison with I (detected by its fluorescence) II is absorbed only slowly. It has been observed that I accumulates mainly in the liver and kidneys; only about 10% is eliminated in the urine in the first 3 days.

Julian F. Smith





"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

PIRGER, C. G.

42670. PIRGER, C. G. i ZATS, R. M. Sul'Famidoustoychivyye Varianty Dizenteriynykh Mikrobov. Byulleten' Eksperim. Biologii i Meditsiny. 1948, No 12, s. 444-46.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

BIRGER, O. G.

USSR/Medicine - Infectious Diseases

May/Jun 52

"Laboratory Indications During Treatment of Dysentery in Children With Syntomycin," O. G. Birger  
A. D. Gusev, Lab of Children's Clinical Hosp [sic]  
"Pediatriya" No 3, pp 58-61

PA 228734

States that therapeutic intervention into the natural course of diseases by administration of chem substances produces difficulties for the laboratory diagnosis of the disease. To evaluate the therapeutic action of syntomycin well, in cases of dysentery infection, the article states, it is advisable to grow cultures from feces prior to inauguration of the treatment. According to article, an over-all method of laboratory investigation should be used.

228734

TALAYKO-KALASHNIKOVA, A.Z.; GUSEVA, A.V. zaveduyushchaya; BIRGER, O.G., nauchnyy rukovoditel'; PROKHOROVICH, Ye.V., glavnyy vrach; SHIRVINDT, B.G., zaveduyushchiy.

Experimental study of the diagnostic tellurite test. Zhur.mikrobiol.epid.i immun. no.4:25-28 Ap '53. (MLRA 6:6)

1. Tsentral'naya laboratoriya Klinicheskoy detskoy bol'nitsy (for Guseva and Birger, Talayko-Kalashnikova). 2. Klinicheskaya detskaya bol'ница (for Prokhorovich). 3. Infektsionnyy otdel Nauchno-issledovatel'skogo pediatricheskogo instituta Ministerstva zdravookhraneniya RSFSR (for Shirvindt, Talayko-Kalashnikova). (Diphtheria)

O. BIRCHER & A GUSEVA

" Laboratory indexes in the course of the syntomycin treatment of dysentery in small children" Tr. from the Russian p. 47.

" The leingrad City Conference on Dysentery" TR. from the Russian p. 78

"Sessions of the Moscow Society of Peidiatrics devoted to the struggle against gastrointestinal diseases" Tr. from the Russian p. 85 ( ANALELE ROMANO-SOVIETICE. SERIA PEDIATRIE Vol. 6, No. 3, May/June 1953 Bucuresti, Ruamina)

SO: East European L. C. , No. 12, Vol. 12, 1953.

BIRGER, O.G.; GUSEVA, A.D.

Variation in the sensitivity of dysentery bacteria to synthomycin  
during a number of years. Pediatrilia 39 no.3:25-28 My-Je '56.  
(MIRA 9:9)

1. Is TSentral'noy laboratorii Klinicheskoy detskoy bol'nitay  
(glavnyy vrach Ye.V.Prekhorovich)  
(DYSENTERY, ther.  
chloramphenicol, eff. of acquired resist. of causative  
bacteria)  
(CHLORAMPHENICOL, ther. use  
dysentery, eff. of acquire resist.)

BIRGER, S. A.

~~USER/Temperature - Measurements  
Mathematics, Applied~~

May 1947

"Temperature Distribution in a Two-layer Cylinder,"  
S. A. Birger, 13 pp

"Zhur Eksp i Teor Fiz" Vol XVII, No 5

Mathematical discussion of the temperature distribution in the cylinder, the differential equation and its solution, location of proper values and the relation of the inverse problem.

11149

BIRGER, S.Yu.

Use of advanced equipment and technology in the "Krasnyi Oktiabr'"  
Shoe Factory in Vitebsk. Kozh.-obuv.prom. 5 no.4:8-10 Ap '63.  
(MIRA 16:5)

(Vitebsk--Shoe industry)

BIRHER, T.I.; Sviridenko, P.O., diysnyy chlen.

Osmotic pressure of cavity fluids in certain invertebrates of the Dniester  
Estuary. Dop. AM UMR no.3:229-231 '52. (MLRA 6:9)

1. Akademiya nauk Ukrayins'koyi RSR (for Sviridenko). 2. Instytut hidrobiologiyi  
Akademiyi nauk Ukrayins'koyi RSR (for Birher).  
(Dniester river--Shrimps) (Shrimps--Dniester river)

BIRGER, T.I.

Caloricity of water organisms and its variations depending on  
ecological and physiological factors. Trudy Inst.gidrobiol.AN  
URSSR no.27:135-148 '52. (MLRA 9:8)  
(Fresh-water fauna) (Body temperature)

BIRGER, T.I.

Value of invertebrates of the Dnieper River and Dnieper-Bug Liman as food of fish. Trudy sov. Ikht.kom. no. 8:441-449 ' 58.  
(MIRA 11:11)

1. Institut hidrobiologii AN USSR.  
(Dnieper River--Fishes--Food) (Dnieper Liman--Fishes--Food)  
(Bug Liman--Fishes--Food)

*value*  
BIRGER, T.I., Cand Biol Sci -- (diss) "Nutritive evaluation  
~~to~~ fish of ~~massive~~ bulk forms of invertebrates of the Dnepr River  
and ~~at~~ the Dnepr-Bug Estuary." Kiev, 1959, 16 pp (Acad Sci  
UkSSR) 150 copies (KL, 33-59, 117)

- 14 -

BIRGER, Tekhiya Izrailevna [Birher, T.I.]; TROSHIKHIN, V.O. [Troshykhin, V.O.], doktor biol. nauk, otv. red.; BRAGINSKIY, L.P. [Bragins'kyi, L.P.], kand. biol. nauk, red. izd-va; RAKHLINA, N.P., tekhn. red.

[Value of invertebrates occurring in large masses in the Dnieper River and the Dnieper-Bug Liman as food of fishes]  
Kormova tsinuist' dlia ryb masovykh form bezkhrebetnykh  
Dnipra i Dniprovs'ko-Buz'koho limanu. Kyiv, Vyd-vo Akad. nauk  
URSR, 1961. 108 p. (MIRA 15:2)  
(Dnieper Valley--Fresh-water fauna)  
(Fishes--Food)

BIRGER, T.I. [Birher, T.I.]; MALYAREVSKAYA, A.Ya. [Maliareva'ka, O.IA.]

Changes in the biochemical composition of some invertebrate  
species of the lower Dnieper Valley. Pratsi Inst. hidrobiol.  
AN URSR no.39:111-117 '63. (MIRA 17:12)

4

Influence of specific treatment on the state of the hemato-encephalic barrier from the viewpoint of its permeability to bromine in infants affected with congenital syphilis. M. Siberstein and E. Bigner. *Bull. Soc. med. expér. U.R.S.S.*, 8, 385-8 (1937) (in French).—Blood and cerebrospinal fluid were drawn simultaneously. The quantity of Br in the serum of infants with congenital syphilis is less than that of healthy infants. With specific treatment serum Br increases considerably. In general, the ratio of Br in the cerebrospinal fluid to Br in serum is near 83 in diseased individuals and drops to about 82 under treatment.

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ASD-SEA METALLURGICAL LITERATURE CLASSIFICATION

**APPROVED FOR RELEASE: 06/08/2000**

CIA-RDP86-00513R000205320016-2"

Vitamin C requirement in very young children. K. Biggar. *Pediatrics* 1948, No. 10, 7-13.—Children in their 1st month of life have a high total ascorbic acid level. Children from 2 months to 1 yr. of age with all forms of feeding, except breast feeding, without addnl. vitamin C, show a low content of blood ascorbic acid (below 0.5 mg. %). Ascorbic acid content of blood in children (healthy) does not depend on age or season, but on the amt. of intake. (1. M. Krouský)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

L 12155-66	EWT(d)	IJP(C)	SOURCE CODE: UR/0208/65/005/006/0979/0990
ACC NR: AP6000012		44,55	46,55
AUTHORS: <u>Birger, Ye. S.</u> (Moscow); <u>Ilyalikova, N. B.</u> (Moscow)			29 36 B
ORG: none			
TITLE: Finding solutions satisfying a given condition at infinity for systems of ordinary differential equations. 1			
SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 5, no. 6, 1965, 979-990			
TOPIC TAGS: differential equation, boundary value problem , nonlinear equation, first order differential equation, Cauchy problem			
ABSTRACT: The authors consider the system			
$X' = rAX + r/(t, X) + r^r g(t), \quad t_0 \leq t < \infty,$ (1)			
of nonlinear first order equations, where $r$ is a nonnegative integer, $A$ is a constant matrix all of whose eigenvalues have positive real parts, $f(t, X)$ is defined and continuous for $ X $ small and $t \geq t_0$ , $g(t)$ is defined and continuous for $t \geq t_0$ , $\lim_{t \rightarrow \infty} g(t) = 0$ . Considering the Cauchy problem at $\infty$ , they show on the basis of their results that one can solve the boundary value problem for linear systems with			
Card 1/2		UDC: 518.517.91/.94	

L 12155-66

ACC NR: AP6000012

3

type II singularity as  $t \rightarrow \infty$  with a condition of boundedness of solutions at the right end of  $[t_0, \infty)$ , and some condition at  $t_0$ . A version of this problem on the finite interval  $[t_0, T]$  is also considered. The authors express their gratitude to A. A. Abramov for stating the problem and for much valuable advice. Orig. art. has: 25 formulas.

SUB CODE: 12/ SUBM DATE: 04Jan65/ ORIG REF: 003/ OTH REF: 002

HW

Card 2/2

ACC NR: AP6018627

SOURCE CODE: UR/0208/66/006/003/0446/0455

AUTHOR: Birger, Ye. S.; Lyalikova, N. B.24  
B

ORG: none

TITLE: On finding solutions with a given condition on infinity for several systems of ordinary differential equations. II.

SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 6, no. 3, 1966, 446-453

TOPIC TAGS: ordinary differential equation, Cauchy problem, boundary value problem, perturbation theory, approximation method

ABSTRACT: On the basis of Part I, 1965, 5, No. 6, 979-990), which treated the Cauchy problem in infinity for several nonlinear systems of form

$$X^i = t^i A(t) X + t^i f(t),$$

under the assumption that matrix  $A_0$  does not have purely imaginary eigenvalues, an extension is made to the case where  $A_0$  does have simple eigenvalues on the imaginary axis. In (1) the functions  $A(t)$  and  $f(t)$  are continuous on  $[t_0, \infty)$  and for  $t \rightarrow \infty$  have the following asymptotic representation:

$$A(t) \sim \sum_{k=0}^{\infty} \frac{A_k}{t^k}, \quad f(t) \sim \sum_{k=0}^{\infty} \frac{f_k}{t^k}.$$

Card 1/2

UDC: 517.91/.94

BIRGUS, Jan, MUDr (Frydek, Nemocnice); HENZL, Milan, MUDr (Ostrova-  
Vitkovice, zavod. nemocnice)

Treatment of habitual abortions with hormonal implants. Lek. listy,  
Brno 9 no.23:529-533 1 Dec 54.

(ABORTION,

habitual, ther., hormonal implants)  
(HORMONES, therapeutic use,  
abortion, habitual)

BIRGUS,J.

Cooperation between obstetricians and pediatricians. Cesk.pediat.  
15 no.8:753-754 Ag '60.  
(OBSTETRICS)  
(PEDIATRICS)

BIRGUS, J. (MD)

(3)

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation: Obstetric and Gynecological Department, OUNZ /Okresni ustanovna rodniho zdravi; Okres Institute of Public Health/ (Porodnicko-gynekologicke oddeleni OUNZ), Frydek-Mistek. Director: J. BIRGUS, MD

Source: Prague, Prakticky Lekar, Vol 41, No 12, 1961, pp 537-539.

Data: "Prevention of Puerperal Mastitis."

Author: BIRGUS, J., MD

HROZEK, MD, LL.D

113

BIRGUS, J.; CERVINEK, J.

Maternal mortality from lesions of the CNS. Cas.lek.cesk 100 no.46:  
1448-1451 17 N '61.

1. Porod. gynekol. oddeleni OUNZ Frydek-Mistek, prednosta MUDr. Jan  
Birgus. Neurologicke oddeleni OUNZ Frydek-Mistek, prednosta MUDr.  
Jan Vlasak.

(MATERNAL MORTALITY etiol) (CENTRAL NERVOUS SYSTEM dis)

BIRICH, N. I.

"Return to the Blood Stream of Erythrocytes, Present in the Tissues Due to Various Causes (Experimental Investigation)." Cand Med Sci, Minsk State Medical Inst, Minsk, 1954. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

BIRICH, T.V., professor; KANTOR, D.V., dotsent; TRUSEVICH, T.M.,  
assistant; SOKOLOVA, G., ordinatar

Characteristics of present-day eye injuries in agriculture; their  
prevention and therapy. Vest. oft. 33 no.6:10-13 N-D '54. (MLRA 8:1)

1. Iz glaznoy kliniki Minskogo meditsinskogo instituta.

(NYE, wounds and injuries,  
prev. & ther. in agricultural workers)

(WOUNDS AND INJURIES,  
eye, prev. & ther. in agricultural workers)

(OCCUPATIONAL DISASTERS,  
eye inj. in agricultural workers, prev. & ther.)

(AGRICULTURE,  
eye inj. in agricultural workers, prev. & ther.)

BIRICH, T. V.

[Prevention and treatment of some eye diseases] Profilaktika i  
lechenie nekotorykh glaznykh boleznei. Minsk, 1955. 25 p.  
(EYE--DISEASES AND INFECTS) (MIRA 10:2)

USSR/Pharmacology. Toxicology. Hormones.

V-8

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28176.

Abstract : I removes inflammations and assists in the resorption of the exudate. Relapses are possible if treatment is stopped too soon. Neither local nor general complications have been noted. In severe cases of traumatic endophthalmitis I therapy should be combined with the use of antibiotics.

Card 2/2

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

BIRICH, T.V., prof.; GOROVAYA, Kh.G., assistant; BUDAY, A.R., klinicheskiy

Surgery in retinal detachment. Zdrav.Belor. 5 no.7:36-39  
J1 '59. (MIRA 12:9)

1. Iz glaznoy kliniki Minskogo meditsinskogo instituta.  
(RISTINA--SURGERY)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

BIRICH, T.V., prof.; VASIL'YEVA, A.G., kand.med.nauk

Successful treatment of a patient with tuberculosis of the eyes,  
hemogenous pulmonary tuberculosis, and ankylosing tuberculous  
polyarthritis. Zdrav. Belor. 5 no.9:62-64 S '59. (MIRA 12:12)

1. Iz kliniki glaznykh bolezney Minskogo meditsinskogo instituta.  
(TUBERCULOSIS)

BIRICH, T. V.

"Eradication of trachoma in Belourissa"

report to be submitted for the United Nations Conference on the  
Application of Science and Technology for the Benefit of the Less  
Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

BIRICH, T.V., prof.; OVSYANKIN, I.V., kand. med. nauk

Effect of ionizing radiation on the eye. Zdrav. Bel. 9 no.7  
38-41 Jl'63 (MIRA 1784)

BIRICH, T.V., prof.; GORDON, N.B.; KANTOR, D.V., dotsent

• Cataract extraction at low temperatures. Vestn. oftal. 76 no.4:  
59-62 Jl-Ag'63 (MIRA 17:1)

1. Klinika glaznykh bolezney Minskogo meditsinskogo instituta.

TSEDRIK, Mikhail Semenovich, kand. fiz.-mat. nauk, dots.; BIRICH,  
Yevgeniya Vasil'yevna; MAKEYEVA, Galina Pavlovna;  
SAVITSKAYA, Inessa Fedorovna; VEREVKINA, N.M., red.;  
MOLCHANOVA, A.K., red.

[Graphs in physics] Fizika v grafikakh. [By] M.S.TSedrik  
i dr. Minsk, Vysshiaia shkola, 1964. 258 p.  
(MIRA 17:6)

1. BIRICHEVSKAYA, L.P.
2. USSR (600)
4. Kirovakan - Larch
7. Siberian larch (*Larix sibirica*) under climactic conditions of Kirovakan.  
Bul. Bot. sada AN Arm. SSR no. 5, 1948

9. Monthly list of Russian Accessions, Library of Congress, March 1953, Unclassified

1. BIRICHEVSKAYA, L.P.
2. USSR (600)
4. Kirovakan - Dahlias
7. Simplified method for slip propagation of dahlias in Kirovakan.  
Biul. Bot. sada AN Arm. SSR no.6, 1948
  
9. Monthly list of Russian Accessions, Library of Congress, March 1953, Unclassified

BIRICHEVSKAYA, L.P.

Dahlia cultivation in Kirovakan. Biul.Bot.sada [Erev.] no.10:  
45-55 '50. (MLRA 9:8)  
(Kirovakan--Dahlias)

BIRICHEVSKAYA, L.P.

Rose cultivation in Kirovakan. Biul.Bot.Sada [Zriv.] no.13;91-96  
'53. (MLRA 9:8)  
(Kirovakan--Roses)

SOV/124-58-11-13361

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 205 (USSR)

AUTHOR: Birichevskiy, I. P.

TITLE: Vertical Stresses at the Ends of Narrow-gage Rail Webs (Vertikal'-nyye napryazheniya v tortsakh sheyek uzkokoleynykh rel'sov)

PERIODICAL: Tr. Arkhang. lesotekhn. in-ta, 1957, Vol 18, pp 33-66

ABSTRACT: An investigation of the problem of the stresses obtaining in a rail web. The problem of the influence of the splice-plate pressure on the stresses within the rails is examined theoretically. The stresses under the rail head and along the height of the web are determined. The stresses beneath the rail head are examined for the case when the splice-plate bolts are not tightened. Experiments are described. It is noted that the tightening of the splice-plate bolts results in distortions of the rail web; the vertical stresses in the web grow with increasing tightening force, decrease in splice-plate length, decreasing rail-web thickness, and decreasing slope of the lower rail-head surface. The author recommends the introduction of supplementary coefficients into the well-known formulas for the calculation of the stresses.

Card 1/1

L. M. Shkol'nik

Birikh, I. K.

The effect of the type of cattle fodder on the quality of cow milk. I. K. Birikh. *Trudy Moloz. Sel'skokhoz. Inst.* 1954, No. 13, 205-12 (Pub. 1955); *Referat Zhur. Khim., Biol. Khim.* 1955, No. 18907.—Results are presented of expts. on milk cows fed selectively prep'd. fodders along with natural feeds and green-fodder concentrates of clover and timothy with the admixt. of greens of the legume and cat families. The resulting milk was tested for content of protein, casein, fat, Ca, and P. In addn. the animal's blood was tested for sugar, Ca, and P. The supplemental diets enriched the fat and protein content of the milk. A direct relation was disclosed between the P and the fat content of cow milk.  
R. S. Levine

(1)

1 41660\_65 FWP(m)/EWT(1)/FCS(k)/EWA(d)/EWA(1) Pd-1

ABSTRACT: The behavior of disturbances in two-dimensional flows has been extensively investigated (e.g. Ts. Ts. Lin, Theory of Hydrodynamic Stability, Ind. Indstr. lit., M., 1958; G. Schlichting, Grenzschichttheorie, 3rd.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

L 41560-65

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

BIRKE, A.V. (Perm')

Spectrum of small disturbances of plane-parallel Couette flow.  
Prikl. mat. i mekh. 29 no.4:798-800 Jl-Ag '65. (MIRA 18:9)

APPROVED FOR RELEASE: 06/08/2000

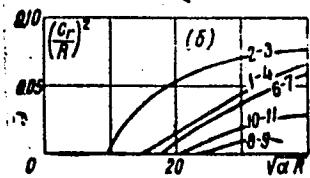
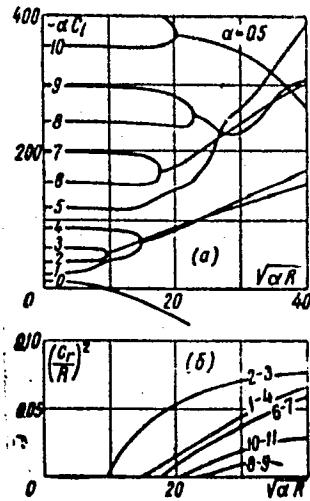
CIA-RDP86-00513R000205320016-2"

L 30375-66

ACC NR: AP6012553

where the coefficients are determined from a set of homogeneous algebraic equations. Some of the decay spectra are shown in Fig. 1

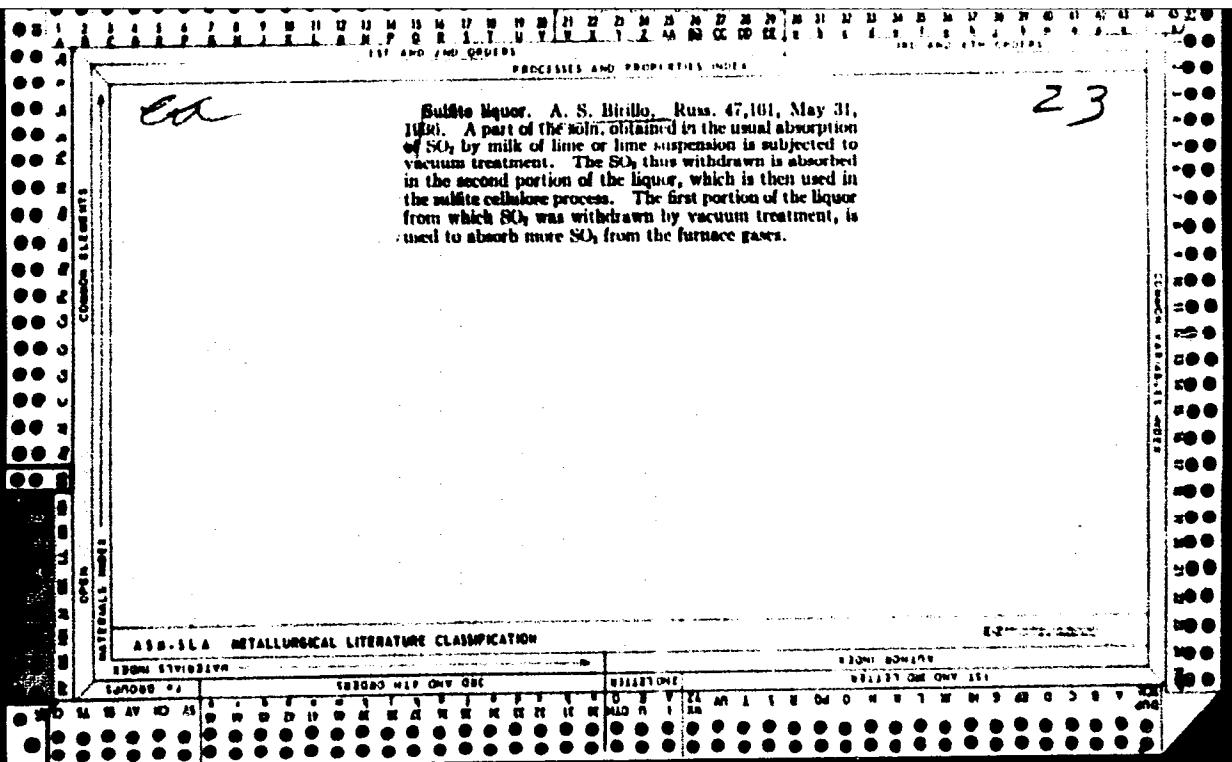
Fig. 1.

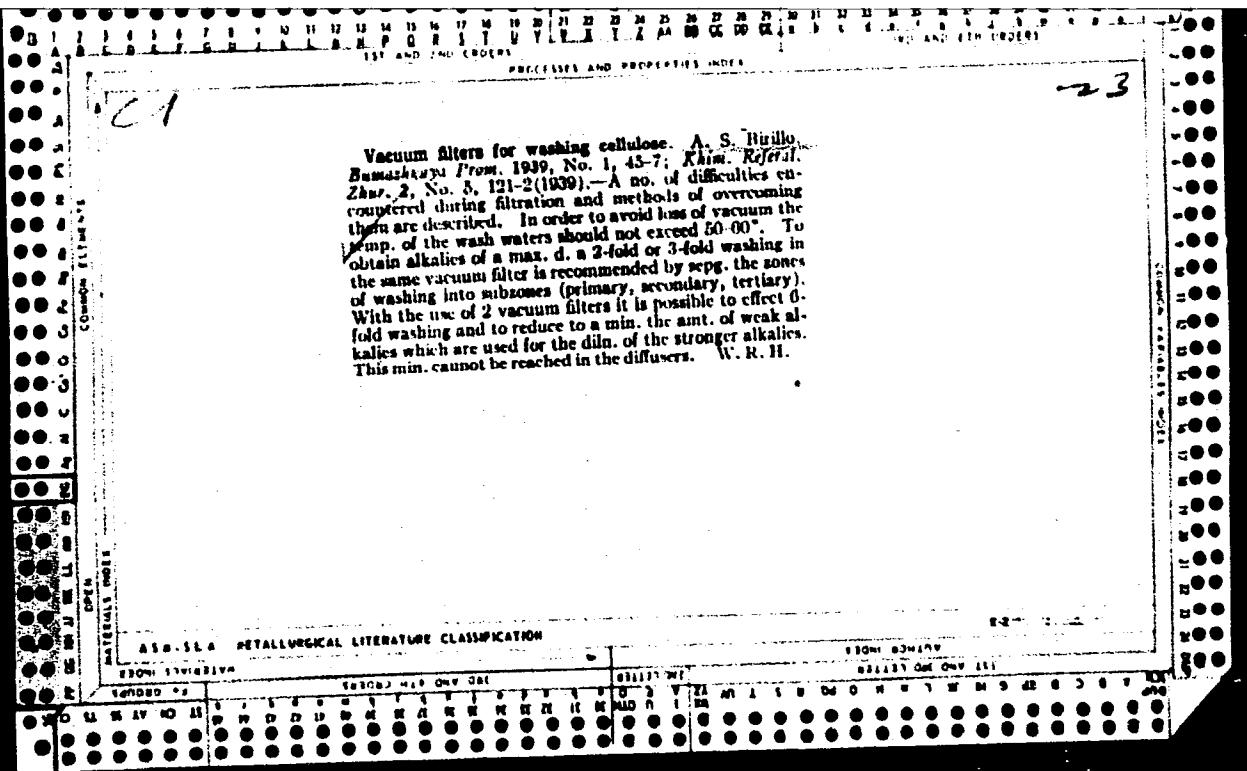


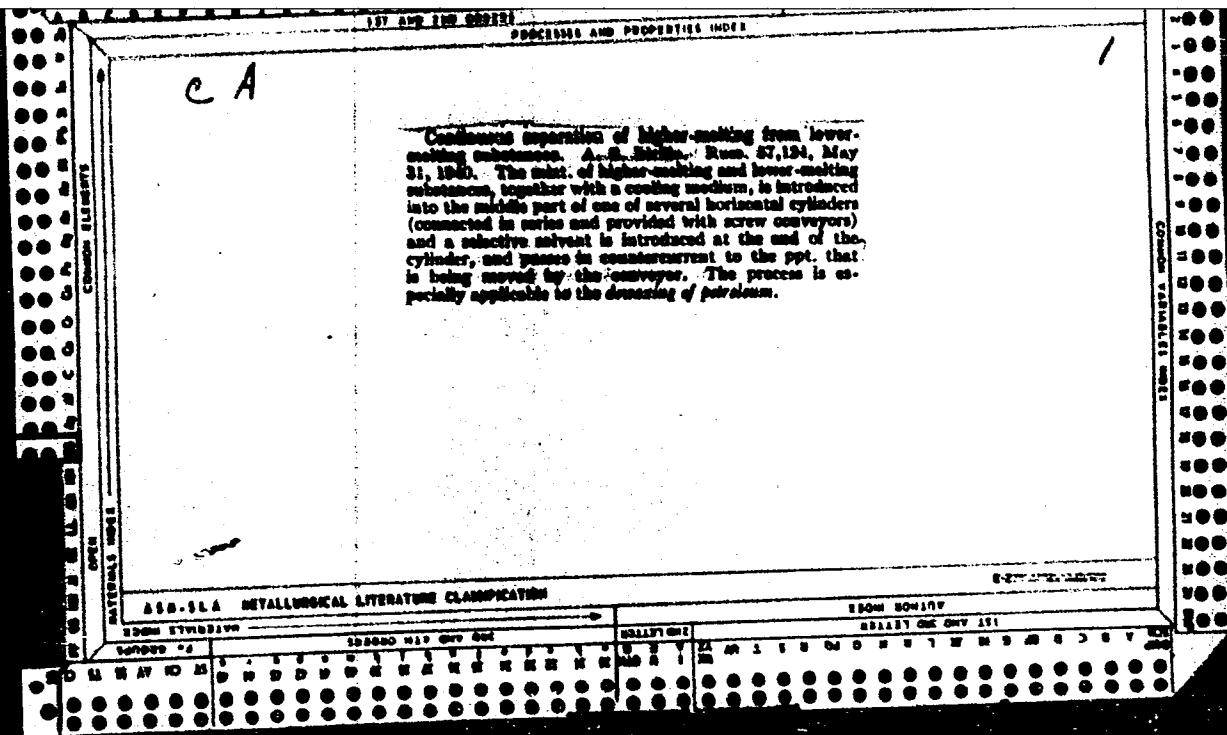
where the real part of the decay spectra -  $\alpha_{c_1}$  is plotted as a function of  $(\alpha R)^{1/2}$ . The shape of these perturbations is determined from numerical solutions and is shown

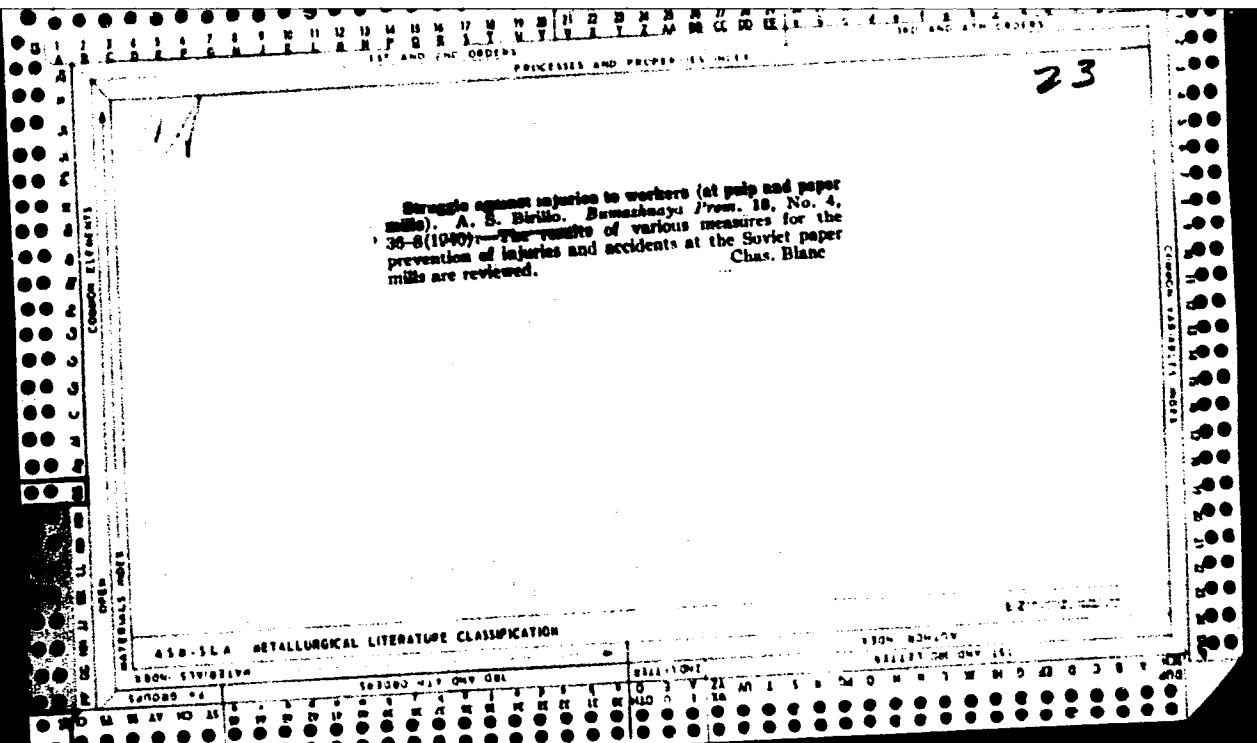
Card 2/3

Country	: USSR	
Category	: Farm Animals.	Q-2
	Cattle.	
Abs. Jour	: Ref Zhur-Biol., No 16, 1958, 74007	
Author	: Birikh, V. K.	
Institut.	: Molotov Institute of Agriculture.	
Title	: Some Morphological Characteristics of the Skeleton and Inner Organs in Cattle at Various Stages of Its Uterine Development.	
Orig Pub.	: Tr. Molotovsk. s.-kh. in-t, 1957, 15, 231-301	
Abstract	: It was noted that the weight of the embryo progresses faster than its length, that the embryo's developmental process is characterized by a significant relative speed of growth at the onset of uterine development, while at its termination it is characterized by a sharp increase of the absolute growth of body bulk; the development of the embryo and of its individual parts proceeds unevenly. The indices of bulk, length, and greater head size decrease with the embryos' age. The development of the skull,	
Card:	1/2	









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CA

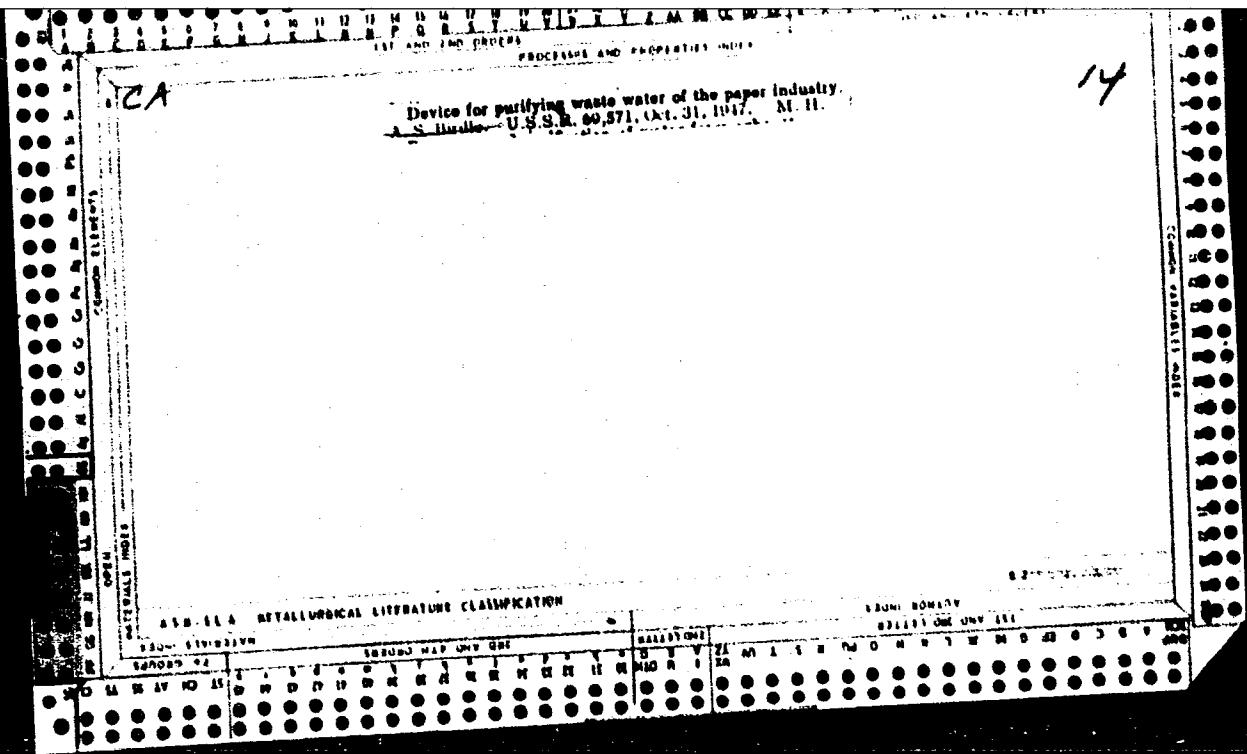
Apparatus for treating liquids with gases or vapors.  
A. M. Miller. U.S.S.R. No. 60,000, Dec. 31, 1947. M. YI.

APPROVED FOR RELEASE: 06/08/2000

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CIA-RDP86-00513R000205320016-2"

BIRILOV, O.

Gypsum clay, a good building material. Sel'stroi. 14 no. 5:18-19  
(MIRA 12:8)  
My '59.

1. Zaveduyushchiy laboratoriyy stroitel'nykh materialov i detaley  
filiala "NI sel'stroya."  
(Building materials)

DOBROVOL'SKIY, S., inzh.; PAL'GIN, V., inzh.; BIRILOW, O., inzh.;  
IVASHCHEMKO, A., inzh.; RABINOVICH, S., inzh.; ROTINYANTS, A., inzh.;  
SYROVATKINA, K., starshiy inzh.

Letters to the editor. Stroitel' no.11:11 N '60. (MIRA 13:11)

1. Trest Stalinzhilstroy No.1 (for Syrovatkina).  
(Construction industry)

BIRILOV, O.M.

Hollow wall stones made of shell-rock concrete. Stroi. mat. 6 no.7:  
36 Jl '60. (MIRA 13;7)  
(Lightweight concrete)

BIRILOV, O. [Birylov, O.]

Using concrete made with local materials in constructing farm buildings. Sil'.bud. 10 no.2:20 F '60.  
(MIRA 13:5)

1. Rukovoditel' laboratorii stroymaterialov i konstruktsiy Krasnodarskogo filiala Nauchno-issledovatel'skogo instituta sel'skogo stroitel'stva RSFSR.  
(Concrete)

BIRILOV, O.

Manufacture of wall blocks from coquina and concrete.  
Sel's. stroi. 16 no. 6:23 Je '61. (MIRA 14:7)

1. Glavnnyy inzh. Krasnodarskogo filiala Nauchno-issledovatel'skogo  
instituta sel'skogo stroitel'stva.  
(Aggregates (Building materials)) (Concrete blocks)

BIRILOV, O.; VOROPAYEVA, V., starshiy nauchnyy sotrudnik

Laying keramzit-concrete floors in livestock buildings. Sel'.  
stroi. [i.e.16] no.3:12-13 Mr '62. (MIRA 15:7)

1. Glavnyy inzhener sektora stroitel'nykh materialov Krasnodarskogo  
filiala Nauchno-issledovatel'skogo instituta sel'skogo  
stroitel'stva (for Birilov).  
(Floors, Concrete)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

BIRILOV, O., insh.

Natural bituminous sands in road construction. Avt.dor. 26 no.9:  
19. S '63. (MIRA 16:10)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

BIRILOV, O. (Ryazan')

Manufacture of reinforced concrete half-frames with removal of  
molds immediately after concreting. Sil'. bud. 13 no.2:20 F '63.  
(MIRA 16:2)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

BIRIN, A.; DANCHENKO, R., arkitektor

Shallow-draught river tanker. Rech. Transp. 20 no. 1:27-30 Ja '61.  
(MIRA 14:2)  
(Tank vessels)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

**"APPROVED FOR RELEASE: 06/08/2000**

CIA-RDP86-00513R000205320016-2

L 35493-65 EWT(1)/FWA(h) Peb GG

*Science for Life* (2011) 35(1), 1–10  
DOI: 10.1111/j.1467-9543.2010.00922.x

**ABSTRACT.** Recently power transistors incorporated within the  
series of the Clatronic Int. V17 photostabilizers

**ABSTRACT:** Recently power transistors incorporated within the  
Siemens 1500A Gitaronda IGBT V1797 Preheat system have

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"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

L 35493-65  
ACCESSION NR: AP5007834

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

"APPROVED FOR RELEASE: 06/08/2000

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L-35493-65

ACCESSION NR: AP5007834

ENCLOSURE: 01

Fig. 1 Transistorized compound switching circuit.

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

SOURCE CODE: UR/0271/66/000/003/A027/A027

ACC # AR6021230

AUTHOR: Zagorskiy, V. I.; Bitin, G. D.; Sobstel', G. M.

TITLE: The maximum power of a frequency converter

SOURCE: Ref. zh. Avtomat telemekh i vychisl tekhn, Abs. 3A220

REF SOURCE: Mezhvuz, sb. tr. Zap.-Sib. sovet po koordinatsii i planir. nauchno-issled. rabot po tekhn. i yestestv. naukam, vyp. 4, 1965, 116-121

TOPIC TAGS: frequency converter, semiconductor device, transistorized circuit

ABSTRACT: To increase the output power of a frequency converter using direct-coupled transistors, the following recommendations are made: a) operate the converter with singular input-to-output frequency ratios to assure a uniform transistor loading with average current; b) to reduce switching losses and losses during operation in transistors, a compound transistor circuit should be used in series with a semiconductor diode, and to reduce losses in the second transistor due to deep saturation, a resistor should be used in its collector circuit, and c) use pulsed transistor overloading to preserve their nominal average loading. [Translation of abstract] Bibliography of 6 titles. V. L.

SUB CODE: 09

UDC: 62-52:621.314.26

Card 1/1

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

2 801-65  
APR 01 0412

the signal is greater than unity and the output is a square wave.

The output voltage is proportional to the input voltage.

The output current is proportional to the input current.

The output voltage is proportional to the input voltage.

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CIA-RDP86-00513R000205320016-2

frequency of the output frequency of the oscillator

frequency of the oscillator

frequency of the oscillator

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

L 13881-66 ENT(1)

ACC NR: AP6030583

SOURCE CODE: UR/0413/66/000/016/0065/0065

INVENTOR: Zagorskiy, V. T.; Birin, G. D.; Sobstel', G. M.

ORG: none

TITLE: Semiconductor frequency converter. Class 21, No. 184966. [announced by Institute of Automation and Electrometry SO AN SSSR (Institut avtomatiki i elektrometrii SO AN SSSR)]

SOURCE: Izobreteniya, promyshlennye obraztsy, tovarnyye znaki, no. 16, 1966, 65

TOPIC TAGS: frequency converter, semiconductor device

ABSTRACT: This Author Certificate introduces a semiconductor frequency converter with a direct-coupled master oscillator circuit (see Fig. 1). To increase the output

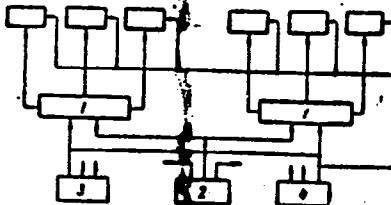


Fig. 1. Frequency converter

- 1 - Control block; 2 - master oscillator;  
3 - load current direction indicator;  
4 - supply voltage polarity indicator;

power of the converter by returning the idle current to the power supply line, a supply voltage polarity indicator and a load current direction indicator are used.

Card 1/2

UDC: 621.314.26: 621.315.592.004

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

L 43001-6  
ACC NR: AP6030 83

These indicators control the off-duty factor of the pulses produced by transistors acting as power elements. To reduce switching losses, power diodes are connected in series with the transistors. Org. art. has: 1 figure. [JR]

SUB CODE: 09 / SUBM DATE: 03Aug63 / ATD PRES: 5075

Card 2/2 mjs

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

L 47096-66 EWT(1)

ACC NR: AR6016015

SOURCE CODE: 0271/66/000/001/A019/A019

INVENTOR: Zagorskiy, V. T.; Birin, G. D.; Sobstel', G. M.40  
BTITLE: Controlled frequency converters using high-power elements with a key characteristic

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 1A130

REF SOURCE: Mezhvuz. sb. tr. Zap. -Sib. sovet po koordinatsii i planir. nauchno-issled. rabot po tekhn. i yestestv. naukam, vyp. 4, 1965, 110-115

TOPIC TAGS: frequency converter, thyristor, transistor

ABSTRACT: Controlled frequency converters (CFC) using high-power elements with a key characteristic (transistors or thyristors) are investigated. The CFC circuits in question have no intermediate a. c. to d. c. conversion for further inversion. The power section of the CFC is designed as a reversible bridge circuit (3 single-phase CFC using bridge circuits). The circuit operation is

Card 1/2

UDC: 62-52:621.314.26

L 47096-66  
ACC NR: AR6016015

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described. The use of this circuit permits exclusion of short-circuit currents, in the CFC groups and virtually currentless switching between the groups; it is possible therefore to avoid the use of reactors. Switching losses equal about one half as numerous as in CFCs using intermediate conversion (rectification). The absence of reactive elements in the power circuit makes it theoretically possible to obtain an unlimited range of frequency variations. Orig. art. has: 4 illustrations, and a bibliography of 7 titles. T.R. Translation of abstract [DW]

SUB CODE: 09/

hs

Card 2/2

*BIRIN . P.*

BIRIN, P.; KARGAPOLOV, V.

Mechanized removal of metal chips in the Stalingrad Tractor Works. p. 115  
(Mechanisace. Praha. Vol. 2, no. 2/3, Feb./Mar. 195?)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6,  
June 1955, Uncl.

S1971

5.4210

S/076/60/034/07/03/009  
B015/B070

AUTHORS: Nesmeyanov, An. N., Khandomirova, N. E., Vilenskiy, V. D.,  
Birin, Ye. A., Borisov, Ye. A.

TITLE: Effect of Oxide Films on the Rate of Vaporization

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 7,  
pp. 1425-1429

TEXT: The effect of oxide films on the rate of vaporization of metallic zinc, cadmium, lead, and beryllium was investigated by the method of isotopic exchange (Ref. 7) and the integral variant of Knudsen's method (Ref. 8). For the isotopic exchange method Zn<sup>65</sup>, Cd<sup>113</sup>, and RaD were used as indicators. For the Knudsen's method a ФЭК-52 (FEK-52) colorimeter and the reagent "berillon II MPEA(IRYeA)" were used. The colorimetric determination of lead was carried out in the laboratoriya geokhimii geologicheskogo fakul'teta MGU (Laboratory of Geochemistry of the Department of Geology of MSU). The values obtained are given in Tables 1-3. The results of the experiments show that the method of isotopic exchange can be

Card 1/2

pa

W(2)

KASHIRSKIY, Arkadiy Anatol'yevich; BIRIN, Yuliy Nikolayevich;  
VELIKANOVA, T.M., nauchn. red.; BOGINA, S.L., red.izd-va;  
TARKHOVA, K.Ye., tekhn. red.

[Use computing equipment in construction] Vychislitel'nuiu  
tekhniku - na sluzhbu stroitel'stva. Moskva, Gosstroizdat,  
1963. 100 p. (MIRA 16:12)  
(Electronic data processing--Construction industry)

1. BIRINA, L.M.
2. USSR (600)
4. Geology, Structural - Kuyeda District
7. Report on the geological survey in the Kuyeda District of the Molotov Province (scale 1:50,000). (Abstract) Izv. Glav. upr. geol. fon. no.2 1947
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified

PA 6/T54

BIRINA, L. M.

~~Geology~~

1948

Stratification.

Petrology

"System of the Detailed Stratigraphy and Conditions  
of the Boundary Layers of the Devonian and Carboniferous  
(Stren') Periods in the Southern Basin Near  
Moscow," L. M. Birina, 7 $\frac{1}{2}$  pp

"Soviet Geolog" No 28

Description of subject conditions. Mentions some  
of fauna located in stren' layer. Lengthy account  
of fluctuating movements in this region.

60mm

BIRINA, L.M.

Asymmetry of orogenetic movements during the Carboniferous  
in the Moscow Basin. Biul. MOIP. Otd. geol. 24 no.2:20-25 '49.  
(MIRA 11:5)  
(Moscow Basin--Geology, Structural)

BIRINA, L. M.

30190

Stratigrafiya i fatssii kanymnougol'nykh otlozhennyiy tsentral'nykh  
oblastey russkoy platformy . platformy. Trudy mosk. Filiala bsysesouz.  
Nyeft nauch.--mss;yed. Gyeol.--razvyed. in-ta, vpts. 1, 1949, C.-118-39

SO: LETOPIS' NO. 34

BIRINA, L.M.

Stratigraphy and facies of Carboniferous deposits in central regions of the Russian Platform. Trudy VNIGMI no.1:118-139 '49. (MIRA 10:4)

(Russian Platform--Geology, Stratigraphy)

BIRINA, L.N., kandidat geologo-mineralogicheskikh nauk.

~~Relief and tectonic structure of the Tournaisian continent in the southern Moscow Basin. Trudy VNIGNI no.2:78-98 '51. (MLRA 10:4)~~  
~~(Moscow Basin—Geology, Stratigraphic)~~

BIRINA, L. M.

Traces of magmatic activities in the  
Sever of the northern part of  
the Moscow Syncline.

"the northern Part of the Moscow Syncline," L. M.

Birina

DAN SSSR, Vol 88, No 5, pp 909-912, 1953

States that in the drilling of support and test wells, magmatic processes are most clearly expressed in the wells of Soligalicheskiy Rayon where three indisputable phases of magmatic activity are noted at the base of the middle Devonian, in the base of the upper Devonian, and within the cover of the Devonian. Presented by Acad D. S. Belyankin - 10 Dec 52.

249167

BIRINA, L.M.

Deposits of a problematic age on the border of the Middle Devonian and the Lower Silurian in the Moscow Basin (Yaroslav series). Biul.MOIP.Otd.geol. 29 no.3:67-71 My-Je '54.(MIRA 7:8) (Moscow Basin--Geology, Stratigraphic) (Geology, Stratigraphic--Moscow Basin)

BIRINA, Lyudmila Mikhaylovna; LYASHENKO, A.I., redaktor; SHOROKHOVA, L.I.,  
vedushchiy redaktor; KHLIEBNIKOVA, L.A., tekhnicheskiy redaktor

[Stratigraphy and conditions of Devonian deposits in the northern  
part of the Moscow Syncline] Stratigrafiia i usloviia otlozhenii  
devona v severnoi chasti Moskovskoi sineklinii. Moskva, Gos.  
nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1957. 129 p.  
(Moscow Basin—Geology, Stratigraphic) (MLRA 10:9)

AUTHOR:

Birina, I.M.

SOV/5-33-1-14/25

TITLE:

On the Time of Formation of the Kotel' nich Ledge of the Base  
of the Russian Plateau (O vremeni obrazovaniya Kotel' niches-  
kogo vystupa fundamenta Russkoy platformy)

PERIODICAL:

Byulleten' Moskovskogo obshchestva ispytateley prirody, Ot-  
del geologicheskiy, 1958, Vol 33, Nr 1, pp 135-138 (USSR)

ABSTRACT:

An ancient ledge of crystalline rocks was discovered during prospecting operations in the central part of the Russian Plateau near the town of Kotel' nich. The study of core-samples taken in that part of the plateau near the town of Lyubim showed that Middle-Devonian rocks were located on Silurian rocks, whereas 285 km farther to the east, near the town of Shar'ya, the Devonian rocks were overlying Cambrian deposits. Thus, moving farther east, toward Kotel' nich, Devonian rocks lie first on Silurian, then on Cambrian de-  
posits, and near Kotel' nich they lie on the crystalline ledge. Such transgressive occurrence must have been a re-  
sult of a tectonic unconformity. The author thinks, that

Card 1/2

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

BIRINA, L.N.

Basic geological characteristics of the northern part of the  
Volga-Ural region. Trudy VNIGRI no.25:3-117 '59.  
(NIRA 13:7)

(Volga-Ural region--Geology)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

BIRINA, L.M.

Stratigraphy and lithology of Devonian and lower Carboniferous  
sediments as revealed by R-1 and R-2 wells drilled in the  
Shikhevo-Chopets uplift. Trudy VNIIGIT no.25:201-223 '59.  
(MIRA 13:?)  
(Vyatka Uval--Geology, Stratigraphic)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2

BIRINA, L. M., Doc Geol-Min Sci -- (diss) "The Stratigraphy and Lithology of Devonian Formations in the Northern Part of the Moscow Syncline and the Geological History of this Territory in the Devonian Period," Moscow, 1960; 41 pages. (Ministry of Higher and Secondary Specialist Education RSFSR. Moscow State Universityimeni Lomonosov); 110 copies; price not given; list of the author's works, 13 items, pages 40-41. (KL, 24-60, 129)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320016-2"

BIRINA, L.N.

Relationship between the old erosional relief and the tectonic pattern in the Paleozoic of the Russian Platform. Sov. geol. 3 no. 12:119-124 D '60. (ZERIA 14:2)

1. Vsesoyuznyj nauchno-issledovatel'skiy geologorazvedochnyj naftyanyj institut.  
(Russian Platform—Geology, Structural)